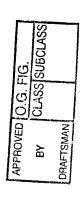
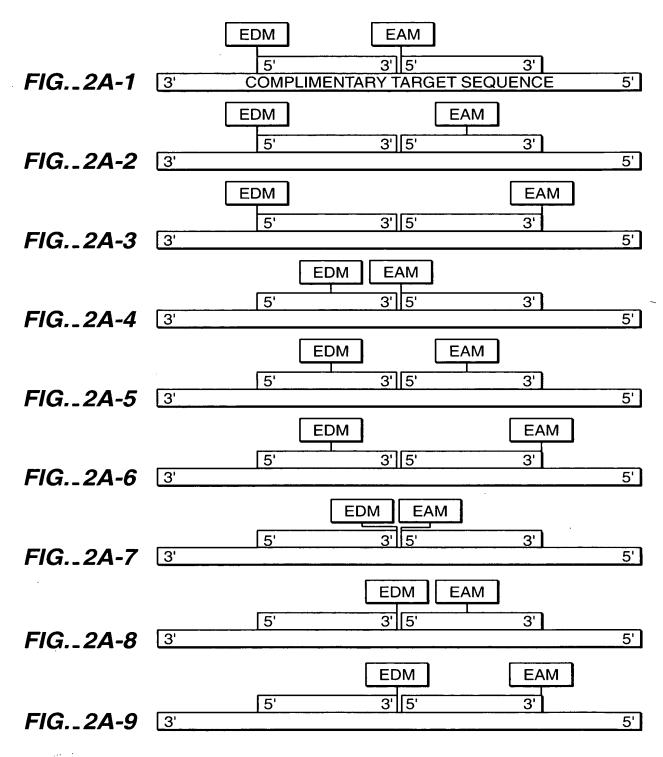


 \perp





-

APPROVED O.G. FIG.
RY | CLASS|SUBCLASS

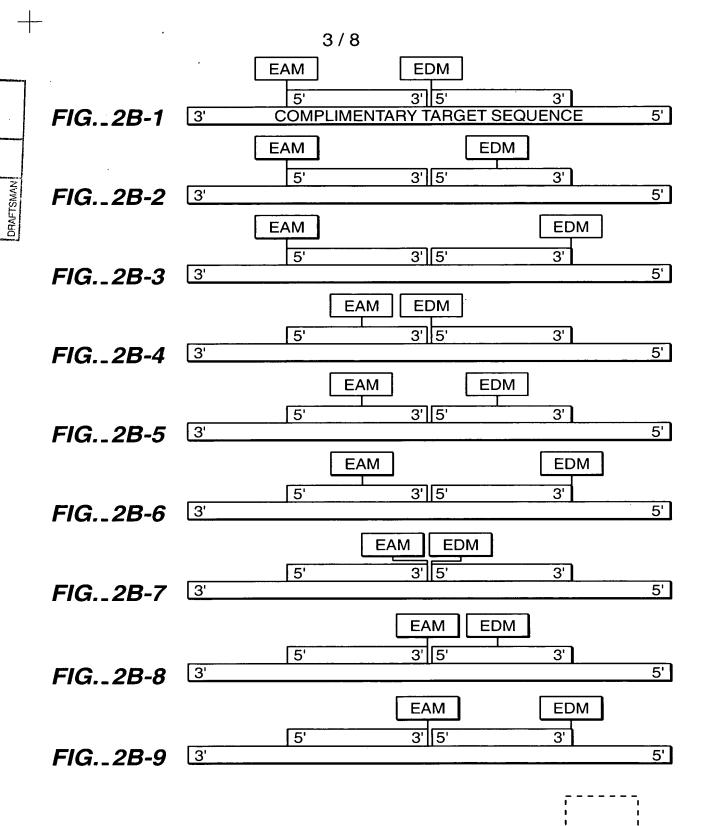


FIG._2A

- $R^1 = H$ $R^2 = NH_2$ (I)
- (II)
- $R^1 = NH_2$ $R^2 = H$ $R^1 = NH_2$ $R^2 = OH$ (III)
- $R^1 = OH^{\perp} R^2 = NH_2$ (IV)
- Adenine, guanine, cytosine, thymidine, uridine. (Base)

FIG._3

FIG._4A

FIG._4B

Base
$$O - P = O$$
 $O - P = O$
 $O - P = O$

FIG._5

FIG._6A



3' DMT I UCTCCTACACU H₂N NH₂

FIG. 6B



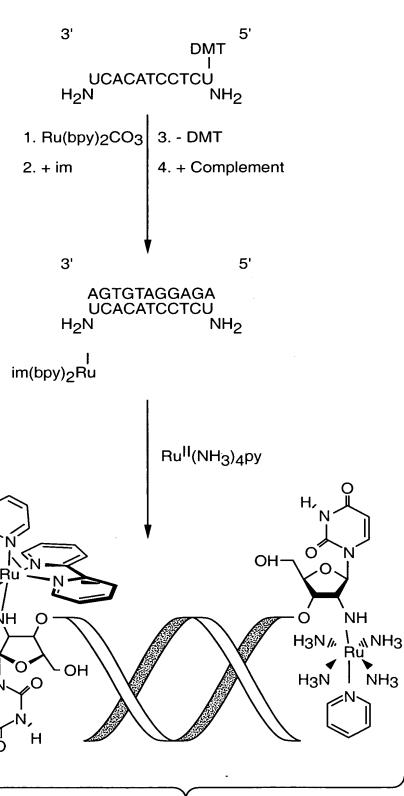


FIG. 6C

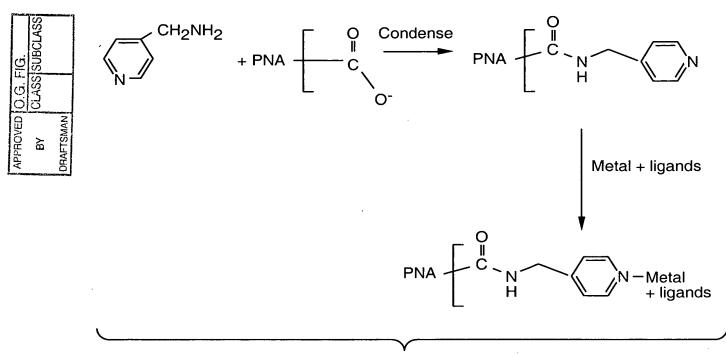


FIG._7

Pt
$$\rightarrow$$
 Si(CH₂)₃NH(CH₂)₂NHR-oligonucleotide

FIG._8B

+